



Press Release

Monroe County Administrator's Office
1100 Simonton Street, Suite 2-205
Key West, FL 33040
305-292-444

For Immediate Release

June 2, 2015

New Stock Island Fire Station Achieves the State's First Ever Florida Green Building Coalition

Silver Level Certification



Monroe County's Fire Station #8 on Stock Island has been awarded the Florida Green Commercial Building designation by the Florida Green Building Coalition after it successfully met the sustainability standards established in the Green Commercial Building Certification program.

The project designed by William Horn, Architect P.A. of Key West, achieved 168 points out of a required minimum of 100 to earn it a Silver level certification, making it the highest scoring State wide FGBC certified commercial project to date.

In July of 2010 Monroe County Board of County Commissioners approved adopting the Florida Green Building Coalition's Green Commercial Building Standard for County buildings in addition to the Florida Building Code.

The building was designed to be 42 percent more energy efficient than required by the Florida Building Code and will rely upon renewable energy through green power purchase agreements for 75% of its power needs over the next two years.

For water conservation, toilets, faucets, and showerheads are low-flow rated. In addition the site used all Florida Friendly plants and a rainwater cistern collection system to deliver 100 percent of the irrigation needs for the landscaping, thus negating the use of valuable potable water.

To safeguard the health of building occupants through improved indoor air quality, all paints, stains, adhesives, and sealants used were rated low Volatile Organic Compound (VOC), cabinets and insulation were free of harmful urea formaldehyde, and healthy flooring was used in 80 percent of the building.

Sixty-one percent of the materials used contained recycled content, and many of the construction materials can be recycled at the end of their useful life.

Urban heat island reduction was achieved through the use of shaded areas and hardscapes with a high solar reflectance value.

Other green features include:

- Energy efficient lighting using less than 0.8 watts per square foot
- Dual flush toilets with less than 1.1 gallons per flush
- 100 % of plants & trees used are from the Florida Friendly Plant list
- Building was located within ½ mile walking distance of existing basic services, such as grocery store, bank, pharmacy, park, restaurant, school, and medical offices, etc.
- Exterior lighting complies with Dark Sky requirements to reduce light pollution that allows for protection of wildlife and preservation of night skies to increase the number of stars visible
- 100% of occupant spaces receive natural daylighting and have line of sight to the outside
- Termite prevention that uses alternatives to traditional soil poison

Monroe County plans to continue becoming more environmentally-conscious.

